

EVOLUTION OF EDUCATION BY NEW INNOVATIONS IN TEACHING METHODS

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ABSTRACT

This paper presents the educational reforms in India by the implementation of National Education Policy -2020 to bring about change in the teaching methods by the new innovative techniques and also to find different approaches to scale the innovation based learning by the revolution in the education system in India.

KEYWORDS: Innovations in teaching methods, Implementation of NEP-2020

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INTRODUCTION

We are living in very challenging times of this era because of the unprecedented coronavirus disease (Covid-19) outbreak. Currently we require educational reforms at this juncture to curb this pandemic and to pace the technological growth of the globe. It is the testing time for every individual to bring about change especially in Education. The Government of India has launched the National Education Policy (NEP- 2020) on Wednesday, 29 July 2020 which aims to renovate the country's education system. By the implementation of NEP-2020 Curriculum content will be diminished in each subject upon its prerequisite basics, and account for critical thinking, reasoning and more holistic approach application based, revelation based, discussion based, investigation and analysis based learning.

The content will focus on key concepts, ideas, applications, and problem-solving. Teaching and learning will be directed in a more intelligent way like Quality innovation based choices for grown-up learning, for example, applications, online courses/modules, satellite-based TV stations, online books, and ICT-prepared libraries and Adult Education Centres, and so forth will be created. It incorporates permitting top unfamiliar colleges to set up grounds in India, a more noteworthy extent of understudies getting professional instruction and a move towards organizations including IITs turning multi-disciplinary.

“Education is the only weapon which can change the world”.

Nelson Mandela (1918-2013)

As the National Education Policy will bring major changes in the country, we need to be well equipped with technology based learning's and more emphasis must be given to development of E-content and the transformation in the teaching methodologies from chalk and talk or lecturing method to web based or ICT enabled learning. The role of a teacher is also going to impact in the teaching learning process in harnessing the power of ICT in the classroom and beyond in order to have the linkage of other areas of national policy and socio-economic reforms by adopting cross-sectoral approach through an ICT in Education Master Plan can help the country to effectively address all relevant issues pertaining to the unemployment and economic growth.

“Education is the Manifestation of Perfection already in man”.

Swami Vivekananda (1863-1902)

THE ROLE OF TEACHERS FOR 21ST CENTURY STUDENTS

To inspire the students of the 21st century in the future, we must have innovative techniques in the teaching learning process. It is well said by Dr. APJ Abdul Kalam

“The purpose of education is to make good human beings with skill and expertise...Enlightened human beings can be created by teachers”.

Dr. A. P. J. Abdul Kalam (1931-2015)

We, as teachers, may love lecturing to students but students do not always want to listen to lectures. It does not always inspire them, as the saying goes by Plutarch

“The mind is not a vessel that needs filling, but wood that needs igniting.”

Plutarch (AD 46 to AD 120)

What really inspires them? They would like to have the 5 C's, by Joe Ruhl (2015) we need to allow the students to engage in

- Choices
- Collaboration (require teamwork)
- Communication
- Critical Thinking (or Problem Solving)
- Creativity (uniquely human pleasure)
- and the most important is 6th C caring.

We require a shift from a teacher centered classroom to a student centered classroom. We should not only teach them, we need to guide, coach and nurture them in a holistic way and inspire them.

“Education is not the learning of the facts, but the training of the mind to think”

Albert Einstein (1879-1955)

We need to inculcate innovative teaching, learning methods and participatory teaching methods, the effective use of technology is important by taking the past knowledge and connecting it to the new knowledge. We must design different learning activities that should be available to the students to meet the diverse styles and methods of learning like simulation Games, puzzles and games help the students to enhance their creativity to face new challenges of the present era.

Human beings are not meant to fail, they will fail due to the Mechanical use of their minds (Praveen Bhatia 2014). Innovativeness implies smart thoughts and creative mind, since each individual has a secret ability and distinctive degree of reasoning that can be sustained and formed by an educator. Innovative strategies for science teaching have been very well described by different methodologies by Sreedevi and Sudhir (2011).

Student's performance should not be assessed based on their marks which they scored in their written examination. They must be evaluated by an overall performance in their curricular, extra, curricular, sports, aptitude, hidden skills and verbal communication skills. Students grading system should be upgraded as every individual has a different set of skills while designing the curriculum. Grading should be given on the basis of their complete presentation in the academic, extra-curricular, Sports and different verbal communication skills need to be included.

CONCLUSIONS

The students overall development will depend on the teachers love and passion for their subject and teacher's genuine love for the students, a love that is passionately committed to the wellbeing of others and also the student's willingness to work hard is the key for success.

Since there are no magic formulae for success, only three things will work wonders for students

- Desire to succeed
- Willingness to work hard and
- A right guidance

Lastly, the communication skill, analysing skill and creativity will go hand in hand, by inculcating these skills we can have a skilled force for the overall development of the nation.

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